

FIG. 1-1

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	255				344
SID2 (soy)	PVLARLCGTTAADEKRRHENAYSRIVEKLLLEVDPDTGAMVAIGNMMEKKTMPAHLMYDGGDPRLEFEHYSAVAQRIGVYTANDYADILEFLV				
SID10 (corn)	HVLARVCGAIMADEKRRHETAYTRIVAKLFEVDPDAVRAALGYMRHRITMPAALMTDGRDAHLHYAHYAAAQQTGVYTASDYRSILEHLI				
SID12 (corn)	DVLARACGTTAADEKRRHETAYGRIVEQLQLDPEGAVLAVADMMRKRTMPAHLMDGRDMDLFEHFAAQAQRIGVYTARDYADIVEFLV				
SID14 (rice)	AALARVCGTVADEKRRHEAAYTRIVSRLLLEADPDAGRAVARMLRRGVAMPTSPISDGRRDDLYACVVSLEAEQAGTYTSDYCSIVEHLV				
SID16 (rice)	DVLARTCGTTAADEKRRHETAYGRIVEQLRLDPPDGLAIAIDMMHKRTMPAHLMDGRDMDLFDHFAAQAQRINNVYTARDYADIVEFLV				
gi4704824	PVLARICGTTAADEKRRHENAYSRIVEKLLLELDPTGAMVAIGDMMQKKTMPAHLMYDGEDPKLFDHFSAVAQRMGVYTANDYADILEFLI				
gi267036	FQLAQVCGIITAADEKRRHETAYTKIVEKLFEIDPDGAVLALADMMRKVSMPAHLMYDGDKDNLFDENYSAVAQIGVYTAKDYADILEHLV				
gi6957724	TTLAKICGTTAADEKRRHETAYTRIVEKLFIDPDGTVQALASMMRKRTMPAHLMDGRDDDLFDHYAAQAQRIGVYTATDYAGILEFLI				
gi3355632	MKLAQICGIIAADEKRRHETAYTKIVEKLFEIDPDGTVLALADMMRKRTSMPAHLMYDGEDDNLFDNYSVAQRIGVYTAKDYADILEFLV				
SID23 (soy)	IKLAQICGMIASDEKRRHETAYTKIVEKLFEVDPDGTVMFAFADMMRKKIAMPAHLMYDGRDDNLFDNYSAVAQRIGVYTAKDYADILEFLV				
	345			405	
SID2 (soy)	ERWRLEKLE-GLMAEGKRAQDFVCGIAPRIRRLQERADERARKMKKHIG-VKFSWIFNKE---LLL			(405 aa)	
SID10 (corn)	RQWRVEELAAGLSGEGRRARDYVCGLPHKIRRMEEKAHDRAAQTQKKPTSVPFWSWIFDRSVNVVIP			(424 aa)	
SID12 (corn)	KRWKLETLESGLSGEGRRARDFVCGIAPRMRRAEAEADRAKK-DEPRM-VKFSWIFDRE---AVV			(380 aa)	
SID14 (rice)	REWRVEELAAGLSGEGRRARDYVCGELPQKIRRMKEKAHERAVKAQKKPISIPINWIFDRHVSVMPLP			(219 aa)	
SID16 (rice)	KRWKLETLETLGSGEGRRARDYVCGIAPRIRRLQERADERARKMK-DEQRK-VKFSWIYDRE---VIV			(381 aa)	
gi4704824	GRWRLEKVQ-DLKDEGKKAQDFVCGIAPRIRRLQERADERARKMK-PHA-VKFSWIFNKE---IIL			(384 aa)	
gi267036	NRWKVENL-MGLSGEGHKAQDFVCGIAPRIRRLGERAQSLSKPSV-L---VPFSWIFNKE---LKV			(398 aa)	
gi6957724	RRWEVEKLGMLSGEGRRARQDYLCPLPQIRRLERANDRVKLASKPSVSWIYGRE---VEL			(411 aa)	
gi3355632	GRWKVDAF-TGLSGEGNKAQDFVCGIAPRIRRLERAAAGRAKQTSKS---VPFSWIFSRE---LVL			(396 aa)	
SID23 (soy)	GRWKVEQL-TGLSGEGRKAQDYVCGIAPRIRRLERAAARGKESST---LKFSWIHDRE---VLL			(391 aa)	

FIG. 1-2